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| FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE | | ATTY. DOCKET NO. FY.51036US1A | APPLICATION NO. Unknown |
| INFORMATION DISCLOSURE STATEMENT BY APPLICANT (USE SEVERAL SHEETS IF NECESSARY) | | APPLICANT Tanaka et al. | |
| | | FILING DATE Herewith | GROUP Unknown |

| U.S. PATENT DOCUMENTS | | | | | | | |
|-----------------------|---|-----------------|----------|------------------|-------|----------|------------------------------|
| EXAMINER INITIAL | | DOCUMENT NUMBER | DATE | NAME | CLASS | SUBCLASS | FILING DATE (IF APPROPRIATE) |
| TC | 1 | 4,650,029 | 3/17/87 | Foote et al. | | | |
| TC | 2 | 4,821,685 | 4/18/89 | Matsushima et al | | | |
| TC | 3 | 5,086,858 | 2/11/92 | Mizuta et al. | | | |
| TC | 4 | 5,575,352 | 11/19/96 | Suzuki et al. | | | |
| TC | 5 | 5,873,428 | 2/23/99 | Ohshita et al. | | | |
| TC | 6 | 6,076,624 | 6/20/00 | Izumi et al. | | | |
| TC | 7 | 6,155,371 | 12/5/00 | Izumi | | | |
| TC | 8 | 6,269,899 | 8/7/01 | Izumi | | | |
| TC | 9 | 6,510,912 | 1/28/03 | Atsuumi | | | |
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| FOREIGN PATENT DOCUMENTS | | | | | | | |
|--------------------------|----|-----------------|---------|---------|-------|----------|-------------|
| EXAMINER INITIAL | | DOCUMENT NUMBER | DATE | COUNTRY | CLASS | SUBCLASS | TRANSLATION |
| | | | | | | | YES NO |
| TC | 10 | 6-34213 | 9/7/94 | Japan | | | |
| TC | 11 | 2000-103246 | 4/11/00 | Japan | | | |
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| EXAMINER INITIAL | OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.) | |
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| EXAMINER | <i>Tanaka</i> | DATE CONSIDERED | <i>10/12/05</i> |
| *EXAMINER: INITIAL IF CITATION CONSIDERED, WHETHER OR NOT CITATION IS IN CONFORMANCE WITH MPEP 609; DRAW LINE THROUGH CITATION IF NOT IN CONFORMANCE AND NOT CONSIDERED, INCLUDE COPY OF THIS FORM WITH NEXT COMMUNICATION TO APPLICANT. | | | |